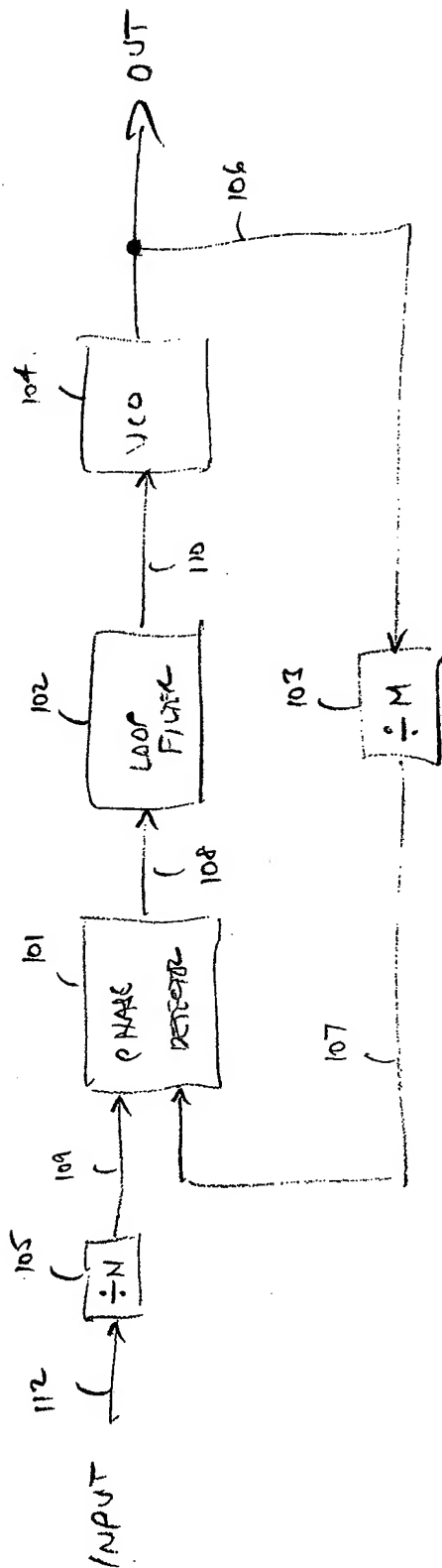


Fig. 1
(Prior Art)



$$f_{out} = f_{in} \frac{M}{N}$$

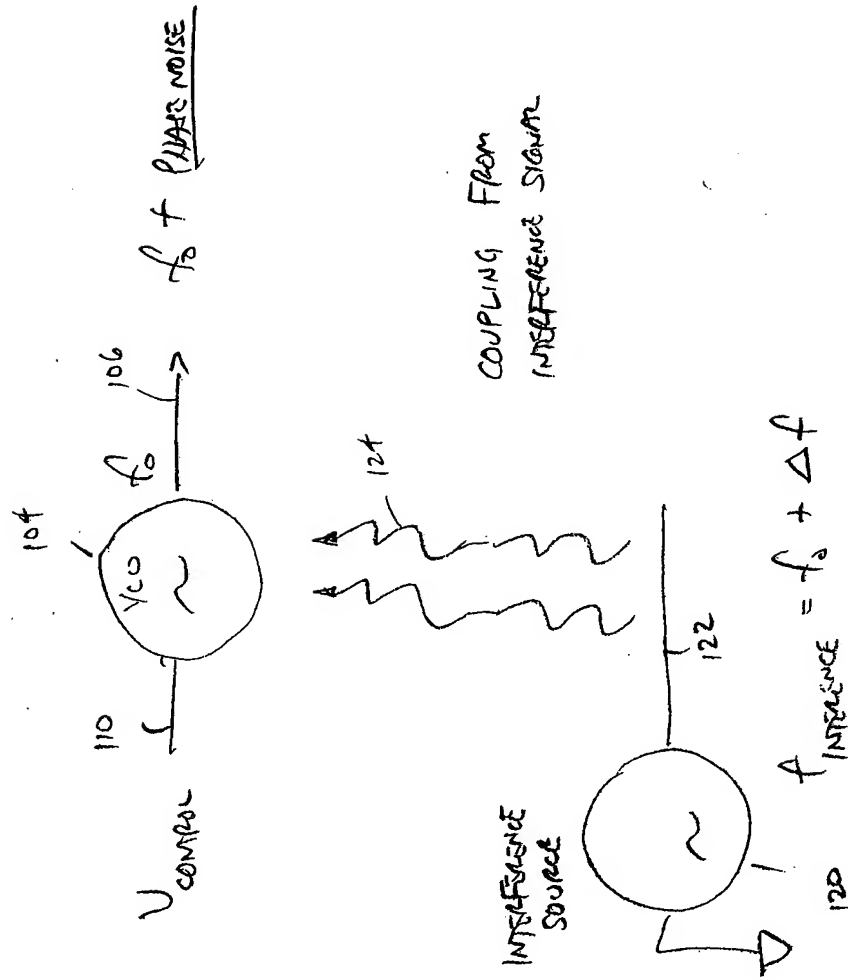
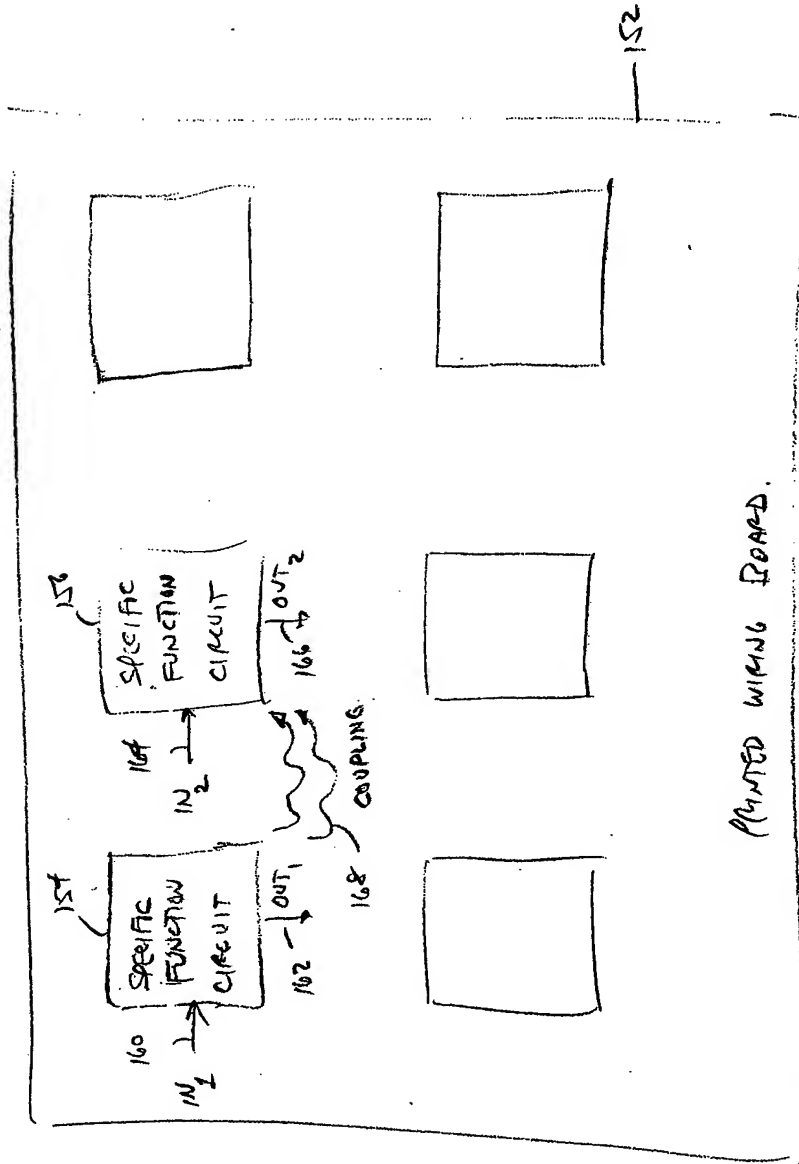


Fig. 2

Fig. 3



191

DUAL PLL ARCHITECTURE

200

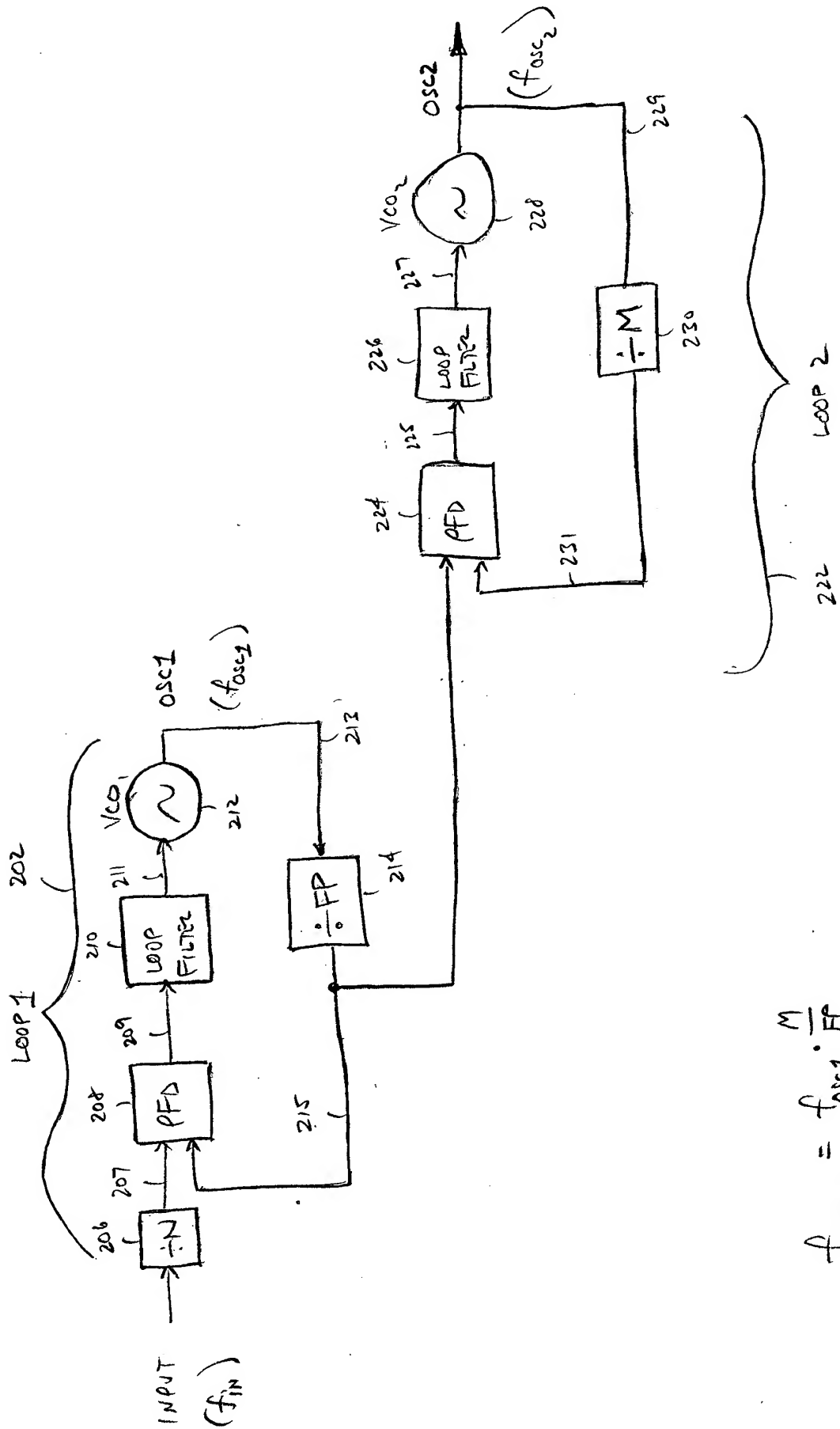


Fig. 4

$$\begin{aligned}
 f_{osc2} &= f_{osc1} \cdot \frac{M}{N} \\
 &= \left(f_{in} \cdot \frac{P}{Q} \right) \cdot \frac{M}{N} \\
 &= f_{in} \cdot \frac{M}{N}
 \end{aligned}$$

NOMINAL N1 VALUES OF 60, 75, 79, AND 85

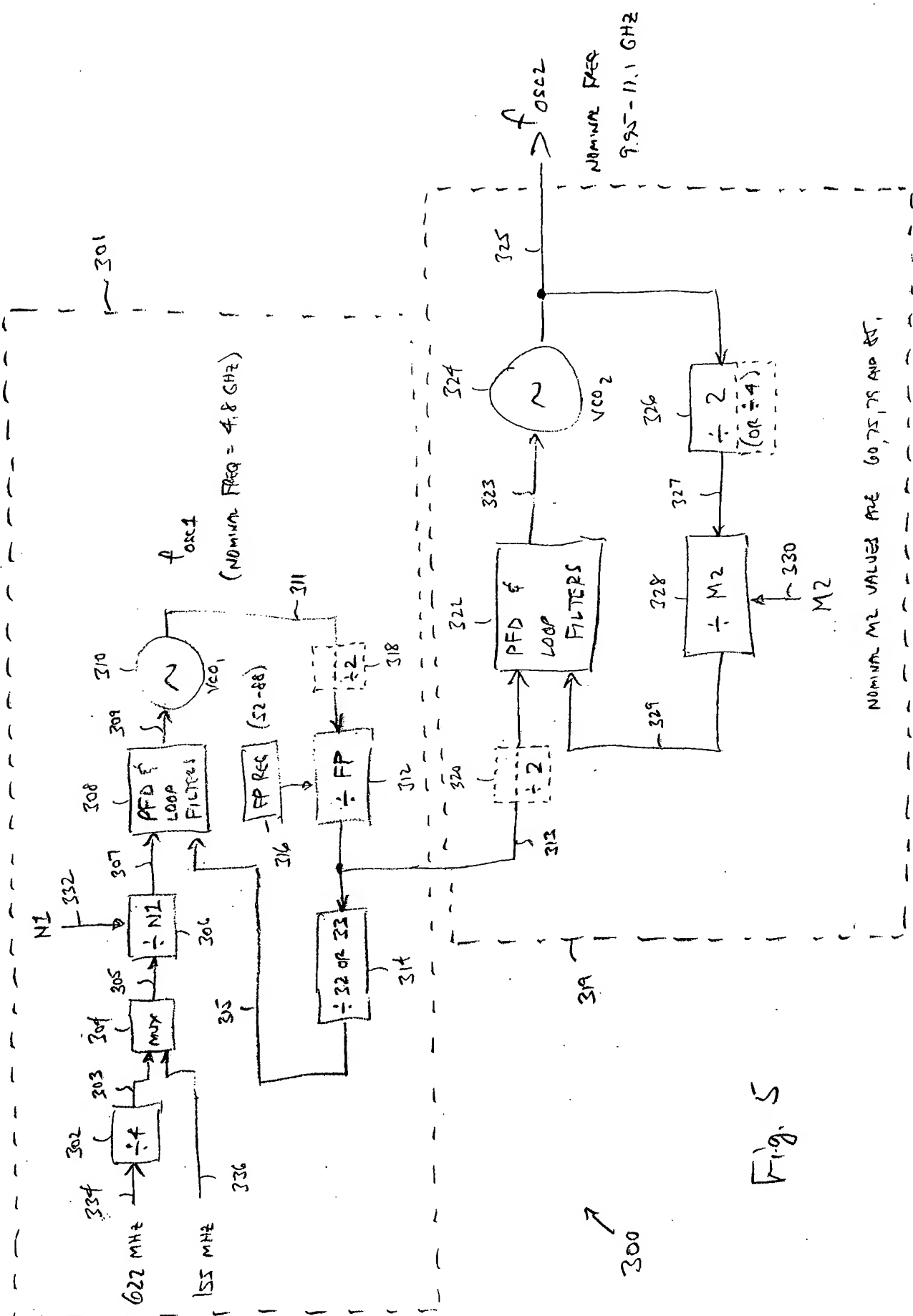
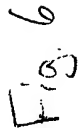


Fig. 5



(Fiber-Optic System Example)

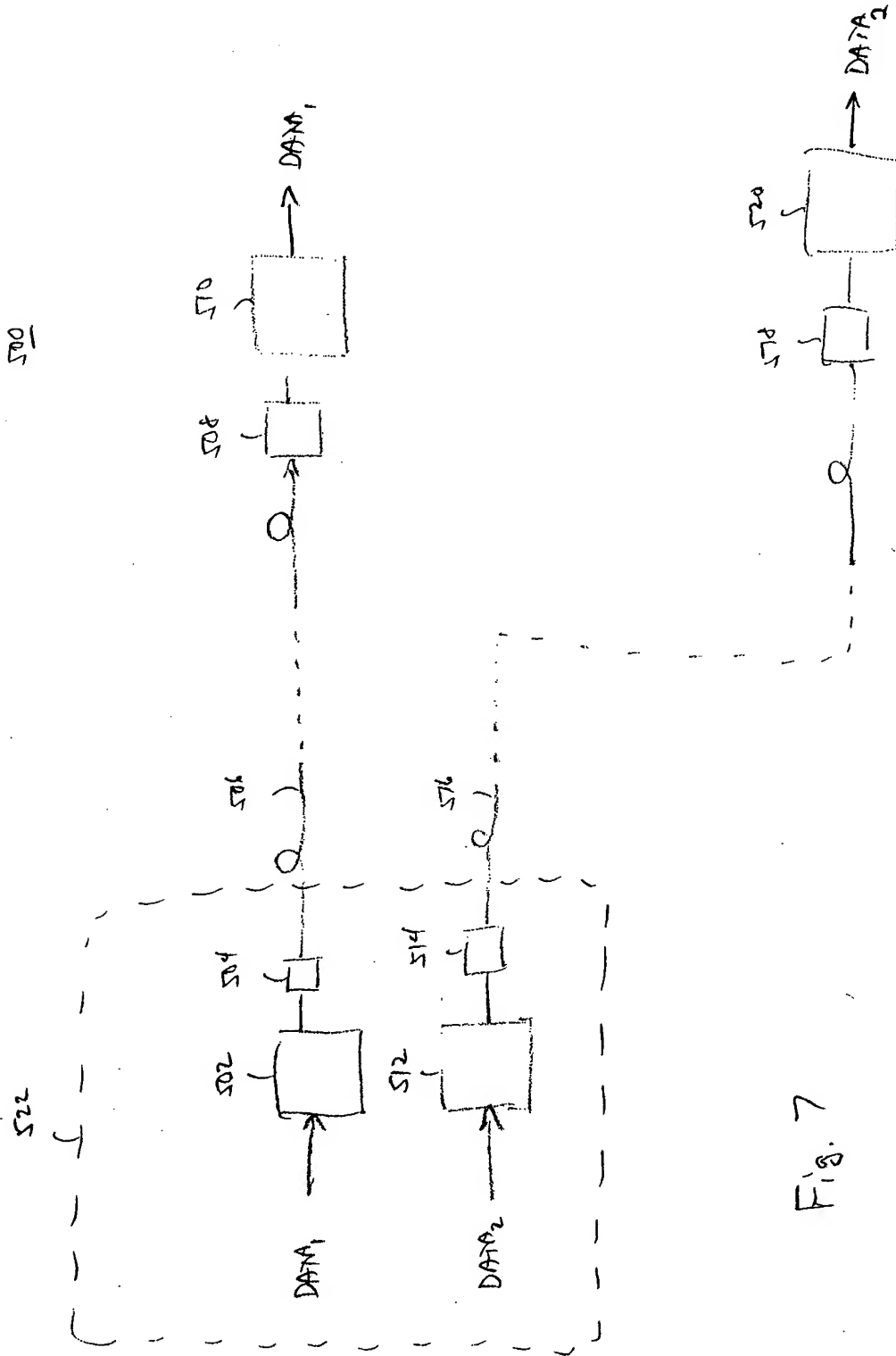


Fig. 7